

What is Claimed:

1. An article comprising:

- (a) a unitary brush, the brush having a plurality of bristles, each bristle having a surface;
- (b) a first coating over at least a portion of at least some of the bristle surfaces; and
- (c) a plurality of abrasive particles secured to at least a portion of at least some of the bristle surfaces via the first coating.

2. The article of claim 1 wherein the first coating is an adhesive.

3. The article of claim 1 which further comprises a second coating coated over the abrasive particles and the first coating.

4. The article of claim 3 wherein the second coating is an adhesive.

5. The article of claim 1 wherein the abrasive particles are partially embedded in the first coating.

6. The article of claim 1 wherein the abrasive particles are selected from the group consisting of silicon carbide, talc, garnet, glass bubbles, glass beads, cubic boron nitride, diamond, and aluminum oxide.

7. The article of claim 1 wherein the first coating comprises a material selected from the group consisting of polyurethanes, epoxy resins, and acrylate resins.

8. The article of claim 3 wherein the second coating comprises a material selected from the group consisting of polyurethanes, epoxy resins, and acrylate resins.

9. The article of claim 1 wherein the brush is selected from the group consisting of radial brushes and cup brushes.

10. The article of claim 1 wherein the bristles comprise a material selected from the group consisting of polyamide, polyester, and polyolefin.

11. The article of claim 1 wherein the bristles further comprise abrasive particles which are embedded within the bristles.

12. The article of claim 1 wherein said unitary brush is an injection molded brush

13. An article comprising:

- (a) an injection molded brush, the brush having a plurality of bristles, each bristle having a surface;
- (b) a first coating over at least a portion of at least some of the bristle surfaces; and
- (c) a plurality of abrasive particles secured to at least a portion of at least some of the bristle surfaces via the first coating.

14. A method of making an abrasive brush, said method comprising:

- (a) providing a unitary brush comprised of a base portion formed of a material and a plurality of bristles comprised of the same material extending therefrom and wherein each bristle has a surface;
- (b) coating at least a portion of the surfaces of at least a portion of the bristles with a first coating;
- (c) adhering a plurality of abrasive particles to at least some of the bristle surfaces via the first coating; and
- (d) curing the first coating to adhere the abrasive particles to the bristle surfaces.

15. The method of claim 14 further comprising:
- (a) coating the abrasive coated bristles with a second coating; and
 - (b) curing the second coating

- 5 16. The method of claim 14 wherein said unitary brush is an injection molded brush.